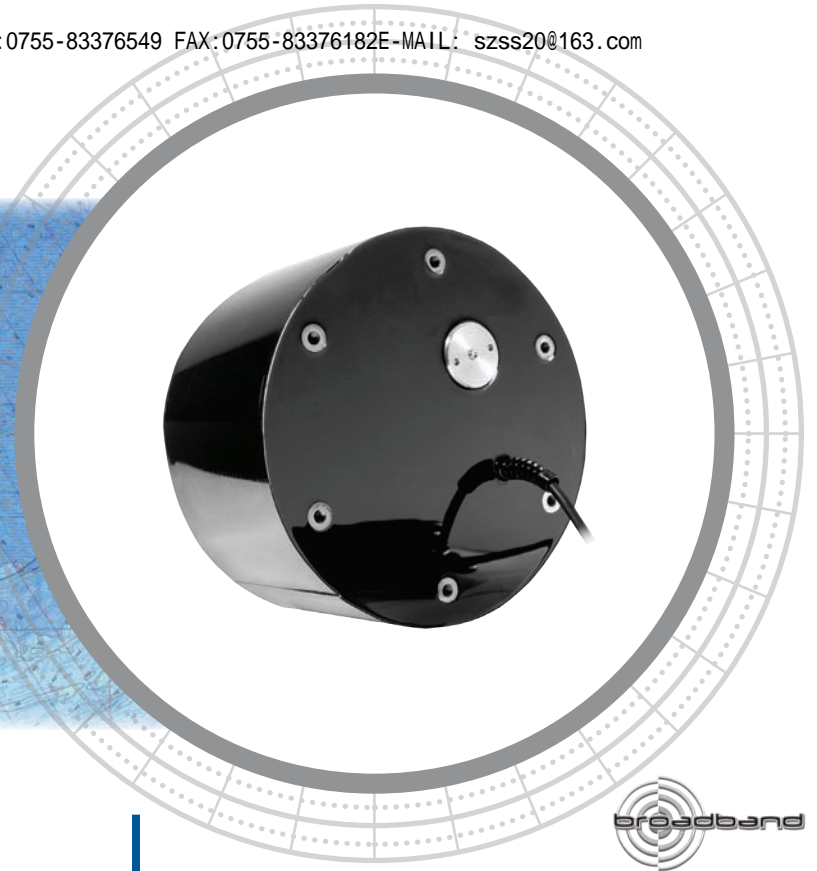


M74



Low-Frequency Performance

The M74 features low-frequency, ceramic arrays for exceptional deep-water performance and sub-bottom detail. This transducer can be "chirped" with a longer pulse over a wide-frequency band.

Options

- Impedance to customer's specifications using matching transformer
- Bulkhead or in-line connector to customer specifications

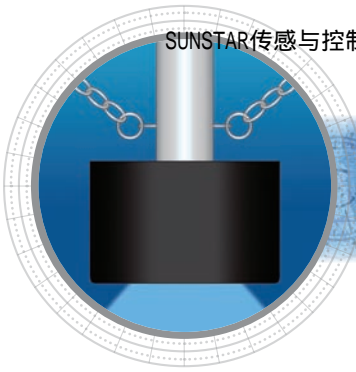
External-Mount 4 kW Broadband

Applications



- Survey echosounding
- Sub-bottom profiling

Features

- Long, acoustic paths
- Matching transformer provides pure, resistive load
- Transducer features a transformer-access pocket for simplified, field repair
- Housing features six, threaded, mounting points
- Seamless, SEALCAST™, urethane housing for long life underwater



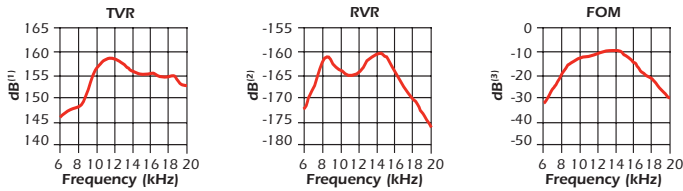
Technical Information

Frequencies	Configuration	Beamwidth (@-3 dB)	RMS Power (W)	FOM (dB)	Q	Series Impedance (R-jX)
12 kHz-J	 A	20°	4 kW	-9.5	2.4	60-j0(t)
15 kHz-C	 B	17°	4 kW	-10	2	70-j0(t)

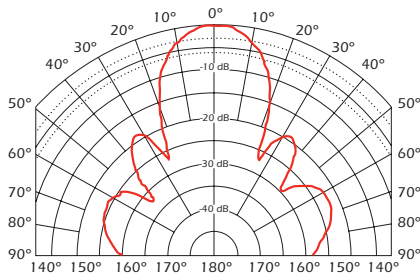
Technical Data—12 kHz-J

TVR in dB re 1μPa/Volt at 1 m

RVR in dB re 1 Volt/μPa



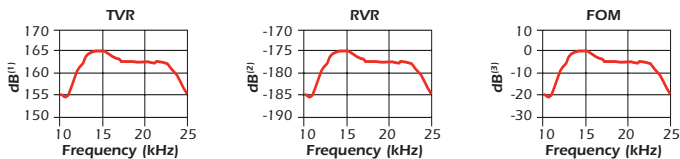
Directivity Pattern—12 kHz-J



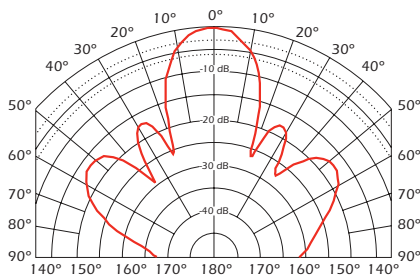
Technical Data—15 kHz-C

TVR in dB re 1μPa/Volt at 1 m

RVR in dB re 1 Volt/μPa



Directivity Pattern—15 kHz-C



SPECIFICATIONS

Weight*:

A—74.5 kg (164 lb)
B—40 kg (88 lb)

Acoustic Window: Urethane

Cable Type: C-43

Shielded twisted pair (2-14 AWG) with braided shield, black neoprene jacket, 10 mm (13/32") diameter

*Weights may vary depending on the cable length and configuration.

DIMENSIONS

1/2-20 UNF stainless steel threaded insert: 6 places equally spaced on a ø 305 mm (12.00") bolt circle

